



5020

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/031,193
Source: PCT/10
Date Processed by STIC: 2/6/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/03/1993

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
"bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s). Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
(OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
(NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 Use of n's or Xaa's
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa; and which residue n or Xaa represents.
- 10 Invalid <213>
Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
"bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



PCT/10

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/031,193

DATE: 02/06/2002
TIME: 18:38:25

Input Set : A:\NEX86PCT.txt
Output Set: N:\CRF3\02062002\J031193.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Gilead Sciences, Inc.
5 <120> TITLE OF INVENTION: Tenascin-C Nucleic Acid Ligands
7 <130> FILE REFERENCE: NEX 86/PCT
9 <140> CURRENT APPLICATION NUMBER: US/10/031,193
10 <141> CURRENT FILING DATE: 2002-01-15
12 <150> PRIOR APPLICATION NUMBER: 09/364,902
13 <151> PRIOR FILING DATE: 1999-07-29
15 <160> NUMBER OF SEQ ID NOS: 65
17 <170> SOFTWARE: PatentIn Ver. 2.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 71
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <221> NAME/KEY: modified_base
26 <222> LOCATION: (1)..(56)
27 <223> OTHER INFORMATION: N at positions 17-56 is A, C, T, or G
29 <400> SEQUENCE: 1

OK- 30 tcgcgcgagt cgtctgnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnccgc 60
31 atcgtcctcc c 71

33 <210> SEQ ID NO: 2
34 <211> LENGTH: 32
35 <212> TYPE: DNA
36 <213> ORGANISM: Artificial Sequence
38 <220> FEATURE:
39 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
41 <400> SEQUENCE: 2

42 taatacgact cactataggg aggacgatgc gg
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 16
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial Sequence

49 <220> FEATURE:
50 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
52 <400> SEQUENCE: 3

53 tcgcgcgagt cgtctg
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 71
57 <212> TYPE: RNA
58 <213> ORGANISM: Artificial Sequence

60 <220> FEATURE:
61 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
63 <220> FEATURE:

see item 11 on Error Summary Sheet

insufficient explanation -
give source of
genetic
material -
see item 11
on Error
summary
sheet

RAW SEQUENCE LISTING DATE: 02/06/2002
PATENT APPLICATION: US/10/031,193 TIME: 18:38:25

Input Set : A:\NEX86PCT.txt
Output Set: N:\CRF3\02062002\J031193.raw

64 <221> NAME/KEY: modified_base
65 <222> LOCATION: (1)..(71)
66 <223> OTHER INFORMATION: All pyrimidines are 2'F.
68 <400> SEQUENCE: 4
69 gggaggacga ugcggcaauc aaaacucacg uuauucccuc aucuauuagc uccccagac 60
70 gacucgccc a 71
72 <210> SEQ ID NO: 5
73 <211> LENGTH: 71
74 <212> TYPE: RNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
80 <220> FEATURE:
81 <221> NAME/KEY: modified_base
82 <222> LOCATION: (1)..(71)
83 <223> OTHER INFORMATION: All pyrimidines are 2'F.
85 <400> SEQUENCE: 5
86 gggaggacga ugcggcaauc uccgaaaaag acucuuccug cauccucuca cccccagac 60
87 gacucgccc a 71
89 <210> SEQ ID NO: 6
90 <211> LENGTH: 71
91 <212> TYPE: RNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
97 <220> FEATURE:
98 <221> NAME/KEY: modified_base
99 <222> LOCATION: (1)..(71)
100 <223> OTHER INFORMATION: All pyrimidines are 2'F.
102 <400> SEQUENCE: 6
103 gggaggacga ugcggcaacc ucgaagacu uuucccgcau cacuguguac uccccagac 60
104 gacucgccc a 71
106 <210> SEQ ID NO: 7
107 <211> LENGTH: 71
108 <212> TYPE: RNA
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
114 <220> FEATURE:
115 <221> NAME/KEY: modified_base
116 <222> LOCATION: (1)..(71)
117 <223> OTHER INFORMATION: All pyrimidines are 2'F.
119 <400> SEQUENCE: 7
120 gggaggacga ugcggcaacc ucgauagacu uuucccgcau cacuguguac uccccagac 60
121 gacucgccc a 71
123 <210> SEQ ID NO: 8
124 <211> LENGTH: 71
125 <212> TYPE: RNA
126 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/031,193

DATE: 02/06/2002
TIME: 18:38:25

Input Set : A:\NEX86PCT.txt
Output Set: N:\CRF3\02062002\J031193.raw

128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
131 <220> FEATURE:
132 <221> NAME/KEY: modified_base
133 <222> LOCATION: (1)..(71)
134 <223> OTHER INFORMATION: All pyrimidines are 2'F.
136 <400> SEQUENCE: 8
137 gggaggacga ugcggcaacc ucaaucuuga cauucccg accuaauuu gccccagac 60
138 gacugccccg a 71
140 <210> SEQ ID NO: 9
141 <211> LENGTH: 71
142 <212> TYPE: RNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
148 <220> FEATURE:
149 <221> NAME/KEY: modified_base
150 <222> LOCATION: (1)..(71)
151 <223> OTHER INFORMATION: All pyrimidines are 2'F.
153 <400> SEQUENCE: 9
154 gggaggacga ugcggcaaac gaucacuuac cuuuccugca ucugcuagcc uccccagac 60
155 gacugccccg a 71
157 <210> SEQ ID NO: 10
158 <211> LENGTH: 71
159 <212> TYPE: RNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
165 <220> FEATURE:
166 <221> NAME/KEY: modified_base
167 <222> LOCATION: (1)..(71)
168 <223> OTHER INFORMATION: All pyrimidines are 2'F.
170 <400> SEQUENCE: 10
171 gggaggacga ugcgggacgcc agccaugac ccugcuucc acuaauccau cccccagac 60
172 gacugccccg a 71
174 <210> SEQ ID NO: 11
175 <211> LENGTH: 70
176 <212> TYPE: RNA
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
182 <220> FEATURE:
183 <221> NAME/KEY: modified_base
184 <222> LOCATION: (1)..(70)
185 <223> OTHER INFORMATION: All pyrimidines are 2'F.
187 <400> SEQUENCE: 11
188 gggaggacga ugcggccaac cucauuuuga cacuugccg caccuaauug cccccagacg 60
189 acugccccga 70
191 <210> SEQ ID NO: 12

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/031,193

DATE: 02/06/2002
 TIME: 18:38:25

Input Set : A:\NEX86PCT.txt
 Output Set: N:\CRF3\02062002\J031193.raw

192 <211> LENGTH: 15
 193 <212> TYPE: RNA
 194 <213> ORGANISM: Artificial Sequence
 196 <220> FEATURE:
 197 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
 199 <220> FEATURE:
 200 <221> NAME/KEY: modified_base
 201 <222> LOCATION: (1)..(15)
 202 <223> OTHER INFORMATION: All pyrimidines are 2'F.
 204 <220> FEATURE:
 205 <221> NAME/KEY: modified_base
 206 <222> LOCATION: (1)..(15)
 207 <223> OTHER INFORMATION: N at positions 4 and 10 is A, G, 2'-F-U or 2'-F-C
 209 <400> SEQUENCE: 12
 210 gacnyuuccn gcayc 15
 212 <210> SEQ ID NO: 13
 213 <211> LENGTH: 71
 214 <212> TYPE: RNA
 215 <213> ORGANISM: Artificial Sequence
 217 <220> FEATURE:
 218 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
 220 <220> FEATURE:
 221 <221> NAME/KEY: modified_base
 222 <222> LOCATION: (1)..(71)
 223 <223> OTHER INFORMATION: All pyrimidines are 2'F.
 225 <400> SEQUENCE: 13
 226 gggaggacga ugcggaaccc auaacgcgaa ccgaccaaca ugccucccg u gccccagac 60
 227 gacucgccc g a 71
 229 <210> SEQ ID NO: 14
 230 <211> LENGTH: 70
 231 <212> TYPE: RNA
 232 <213> ORGANISM: Artificial Sequence
 234 <220> FEATURE:
 235 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
 237 <220> FEATURE:
 238 <221> NAME/KEY: modified_base
 239 <222> LOCATION: (1)..(70)
 240 <223> OTHER INFORMATION: All pyrimidines are 2'F.
 242 <400> SEQUENCE: 14
 243 gggaggacga ugcggugccc auagaagcgu gccgcuaaug cuaacgccc u cccccagacg 60
 244 acucgcccga 70
 246 <210> SEQ ID NO: 15
 247 <211> LENGTH: 71
 248 <212> TYPE: RNA
 249 <213> ORGANISM: Artificial Sequence
 251 <220> FEATURE:
 252 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
 254 <220> FEATURE:
 255 <221> NAME/KEY: modified_base

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/031,193

DATE: 02/06/2002
TIME: 18:38:25

Input Set : A:\NEX86PCT.txt
Output Set: N:\CRF3\02062002\J031193.raw

256 <222> LOCATION: (1)..(71)
257 <223> OTHER INFORMATION: All pyrimidines are 2'F.
259 <400> SEQUENCE: 15
260 gggaggacga ugcggugccc acuaugcgug ccgaaaaaca uuucccccuc uaccccagac 60
261 gacucgccc a 71
263 <210> SEQ ID NO: 16
264 <211> LENGTH: 71
265 <212> TYPE: RNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
271 <220> FEATURE:
272 <221> NAME/KEY: modified_base
273 <222> LOCATION: (1)..(71)
274 <223> OTHER INFORMATION: All pyrimidines are 2'F.
276 <400> SEQUENCE: 16
277 gggaggacga ugcggaacac uuucccaugc gucgccauac cggauauauu gcucccagac 60
278 gacucgccc a 71
280 <210> SEQ ID NO: 17
281 <211> LENGTH: 71
282 <212> TYPE: RNA
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
288 <220> FEATURE:
289 <221> NAME/KEY: modified_base
290 <222> LOCATION: (1)..(71)
291 <223> OTHER INFORMATION: All pyrimidines are 2'F.
293 <400> SEQUENCE: 17
294 gggaggacga ugcggacugg accaaaccgu cgccgauacc cggauacuuu gcucccagac 60
295 gacucgccc a 71
297 <210> SEQ ID NO: 18
298 <211> LENGTH: 71
299 <212> TYPE: RNA
300 <213> ORGANISM: Artificial Sequence
302 <220> FEATURE:
303 <223> OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
305 <220> FEATURE:
306 <221> NAME/KEY: modified_base
307 <222> LOCATION: (1)..(71)
308 <223> OTHER INFORMATION: All pyrimidines are 2'F.
310 <400> SEQUENCE: 18
311 gggaggacga ugcggaacaa ugcacucguc gccguuaugg auguuuugcu cccugcagac 60
312 gacucgccc a 71
314 <210> SEQ ID NO: 19
315 <211> LENGTH: 71
316 <212> TYPE: RNA
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/031,193

DATE: 02/06/2002

TIME: 18:38:26

Input Set : A:\NEX86PCT.txt

Output Set: N:\CRF3\02062002\J031193.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:30 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:210 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:1143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
L:1171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65